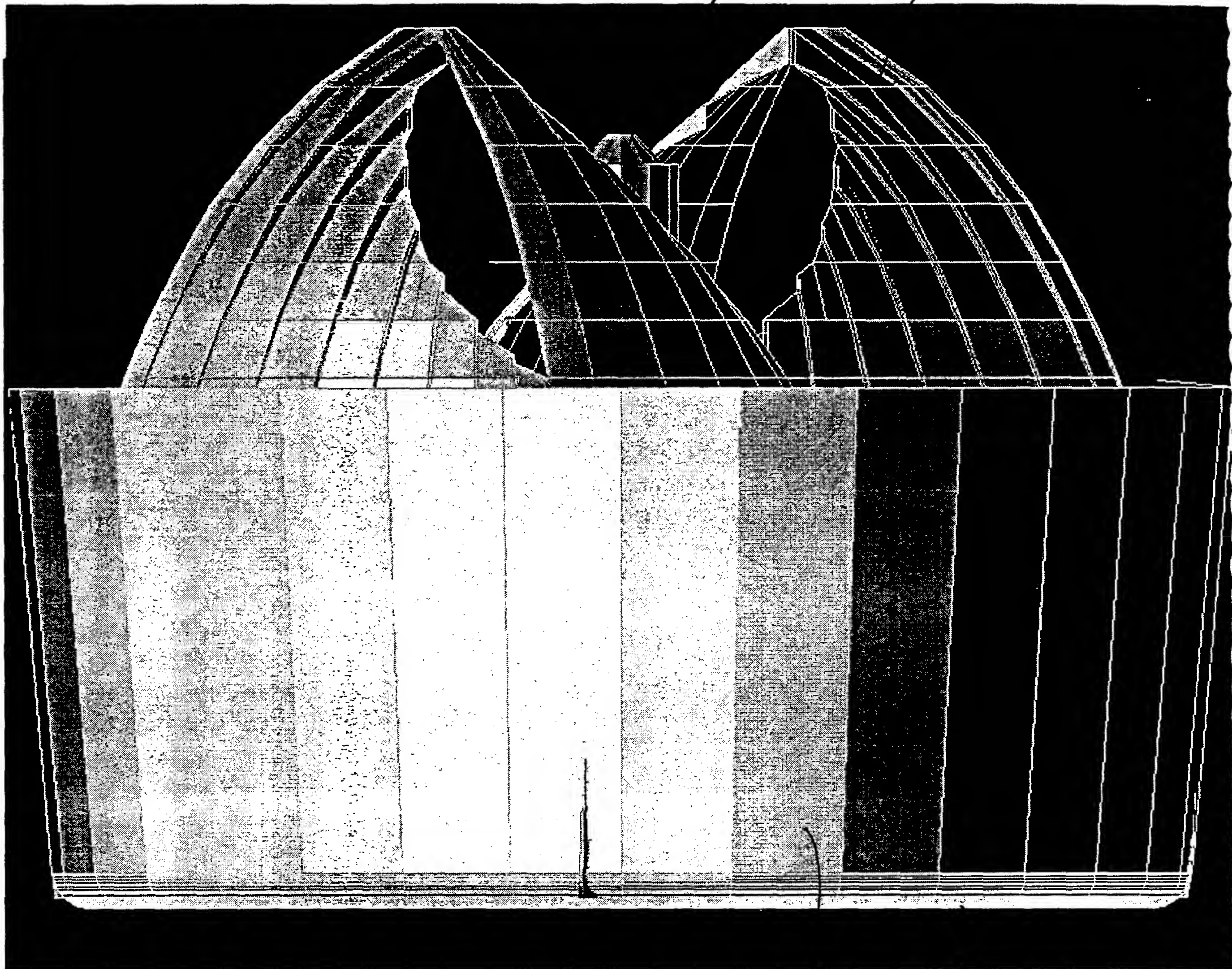


FIG 4A

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12

14



18

16

FIG 4B



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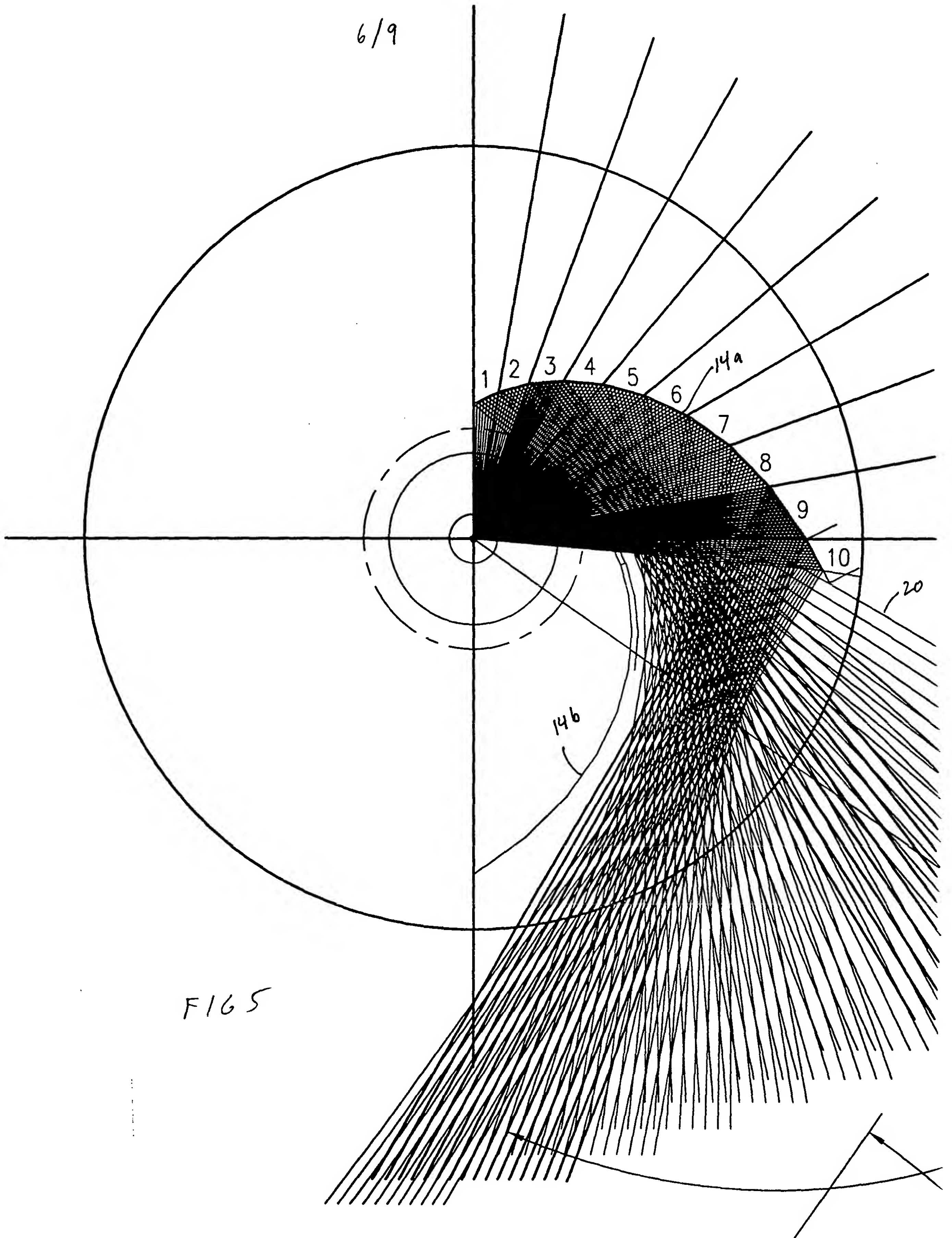


FIG 5

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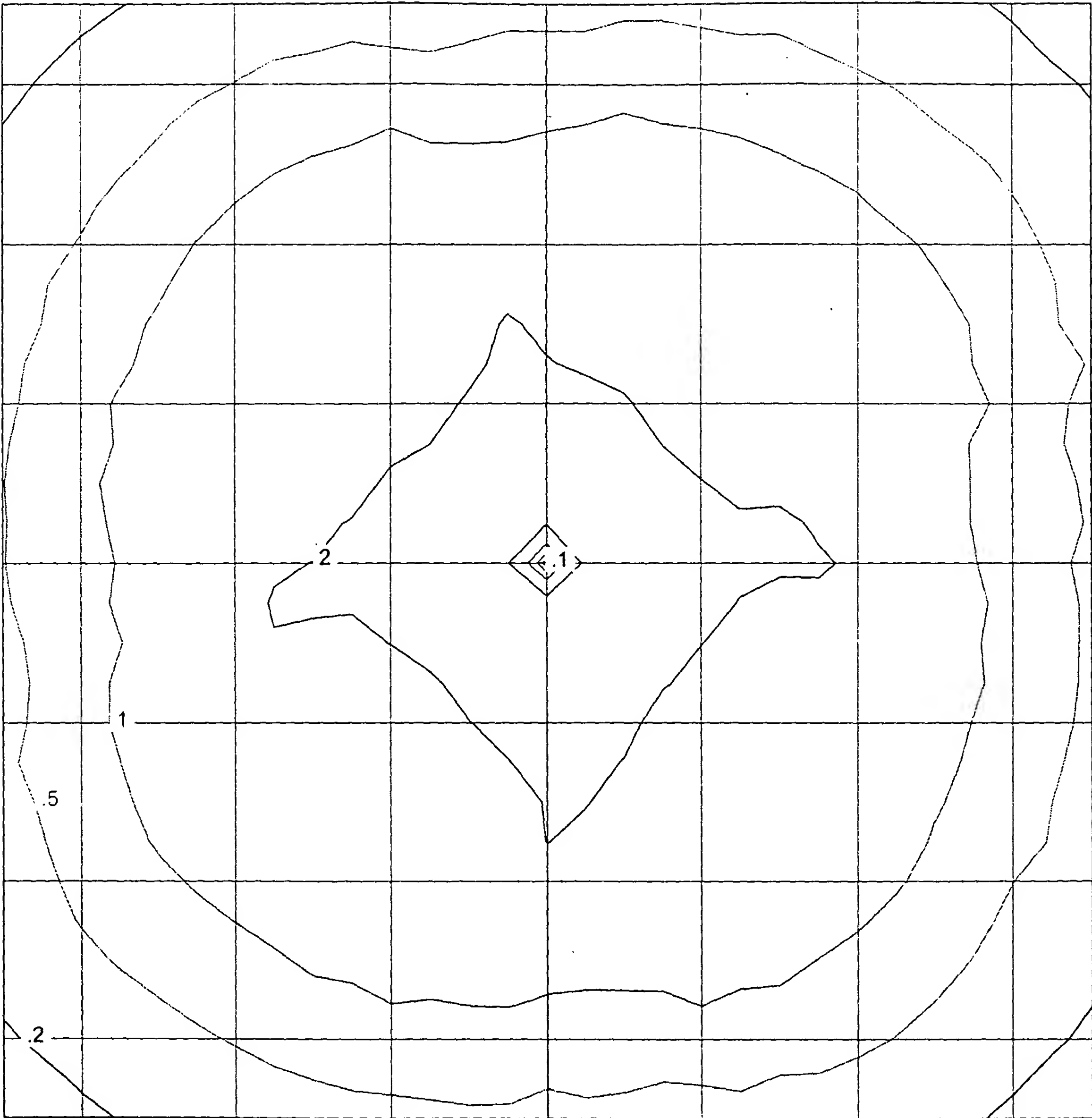


FIG 6

HORIZONTAL FOOTCANDLES  
SCALE: 1 INCH = 20 FT  
LIGHT LOSS FACTOR = 1  
TOTAL LUMENS = 36000  
MOUNTING HEIGHT = 20 FT  
ARM LENGTH = 0 FT  
MAXIMUM CALCULATED VALUE = 2.9

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3-D PERSPECTIVE OF ONE BLADE

- A. CIRCLED NUMBERS REPRESENT CURVES (SHOWN AS DOTTED LINES),  
IN HORIZONTAL AND VERTICAL PLANES.  
B. LIGHT CENTER IS SHOWN IN X AND Y AXES.

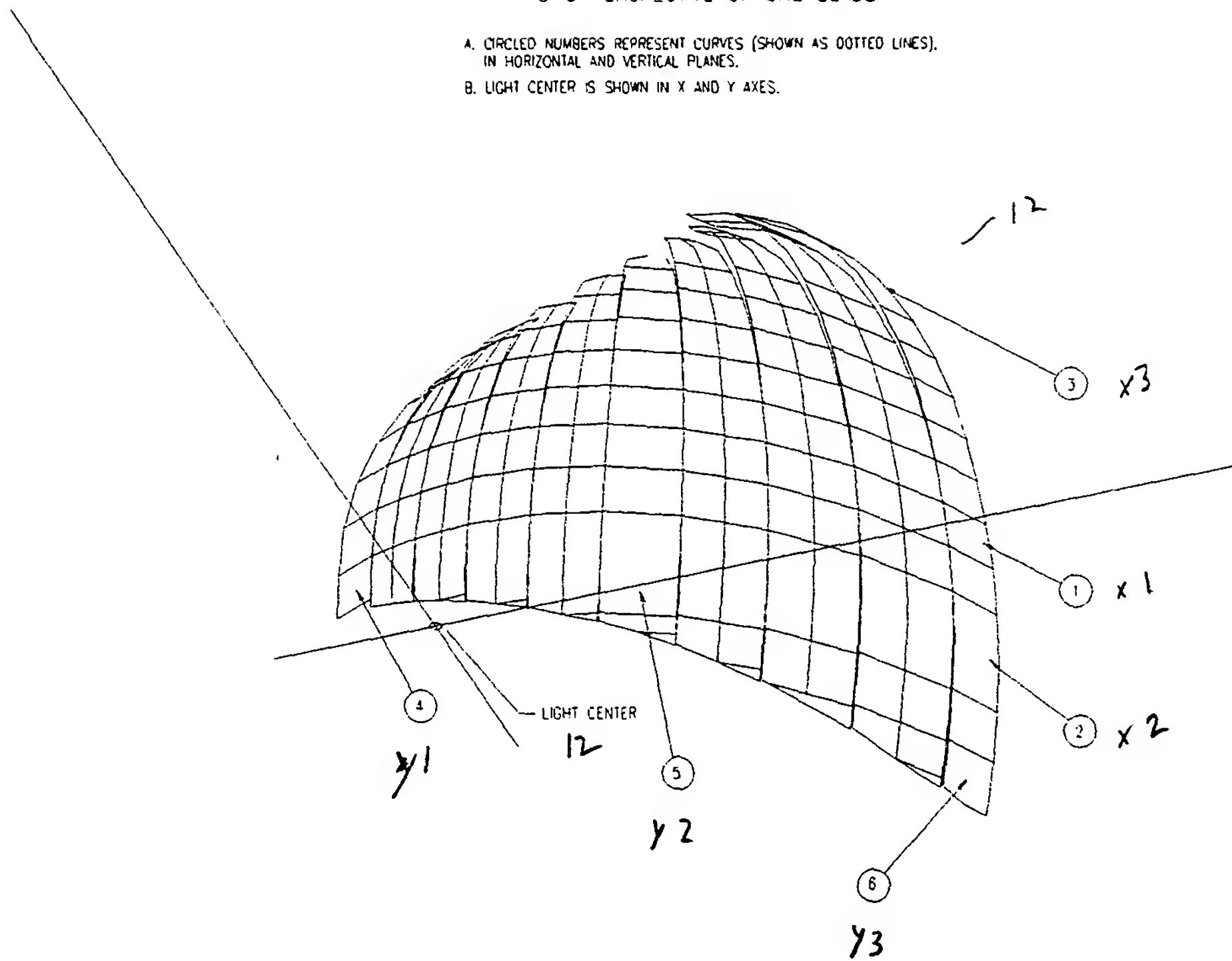


FIG 7



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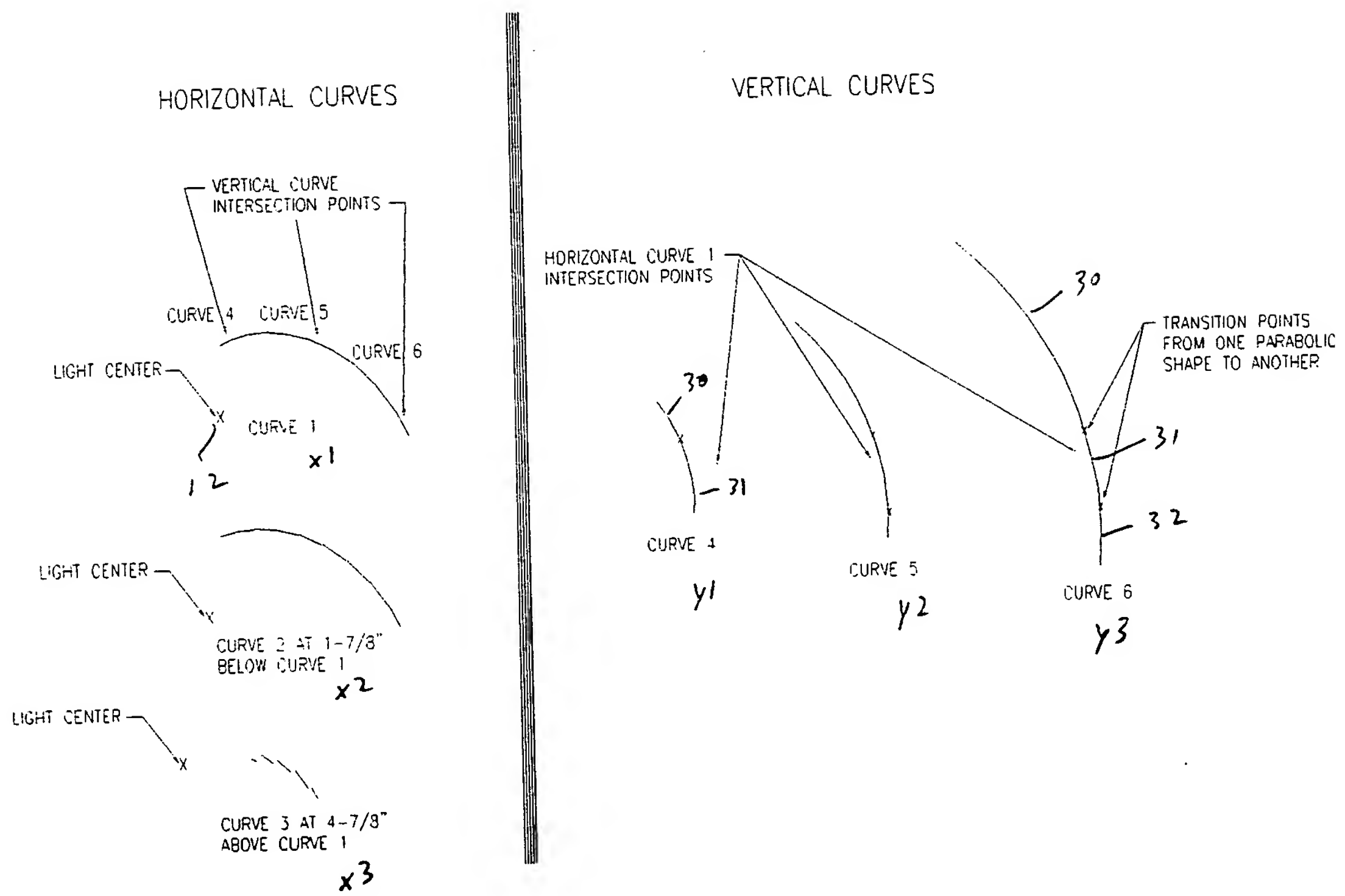


FIG 8